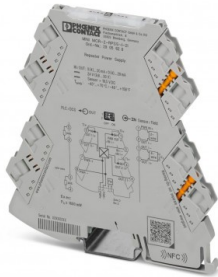


INDUSTRIAL COMPONENT DATA

MINI MCR-2-RPSS-I-2I 2905628 PHOENIX CONTACT Repeater power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-RPSS-I-2I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RPSS-I-2I
Catalog number	2905628
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-25526181AD
Generated	2026-08-02

Product Overview

Repeater power supply

4-way power duplicator with plug-in connection technology. HART transparency, 0(4) mA input signal ... 20 mA, 0(4) mA output signals ... 20 mA. The device can be used in both signal operating and power mirroring modes. Screw connection technology.

4-way power supply doubler with plug-in connection technology. HART-transparent, 0(4) mA ... 20 mA input signal, 0(4) mA ... 20 mA output signals. The device can be used in both signal and power supply doubler modes. Screw connection technology.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **PHOENIX CONTACT > INTERFACE Components (IF)**

Additional Product Information

Technical dataNotesUtilization restriction

EMC note EMC: class A product, see manufacturer's declaration in the download area

Product propertiesProduct type Repeater power supply

Product family MINI Analog Pro

No. of channels 2

Type Signal conditioner

Configuration DIP switches

Data management status

Article revision 02

Insulation characteristics: GB Standard

Overvoltage category II

Pollution degree 2

Electrical propertiesElectrical isolation 4-way isolation

Limit frequency (3 dB) > 1 kHz

Signal transmission behavior In = Out

Step response (10-90%) < 400 µs

Maximum temperature coefficient 0.0075 %/K

Maximum transmission error 0.05 % (of final value)

Electrical isolation Input/output/power supply

Rated insulation voltage 300 Vrms

Test voltage 3 kV AC (50 Hz, 60 s)

Insulation Reinforced insulation according to IEC/EN 61010-1

Supply

Nominal supply voltage 24 V DC

Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, item no. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail in accordance with EN 60715)

Typical current consumption 40 mA (For 24 V DC and in signal duplicator mode)

65 mA (For 24 V DC and in power supply duplicator mode)

75 mA (For 12 V DC and in signal duplicator mode)

130 mA (For 12 V DC and in power supply duplicator mode)

Power consumption 1.6 W (at IOU= 20 mA, 500 Ω load)

Input dataSignal: Current

Description of the input Sensor circuit

Number of inputs 1

Current input signa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-RPSS-I-2I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.